

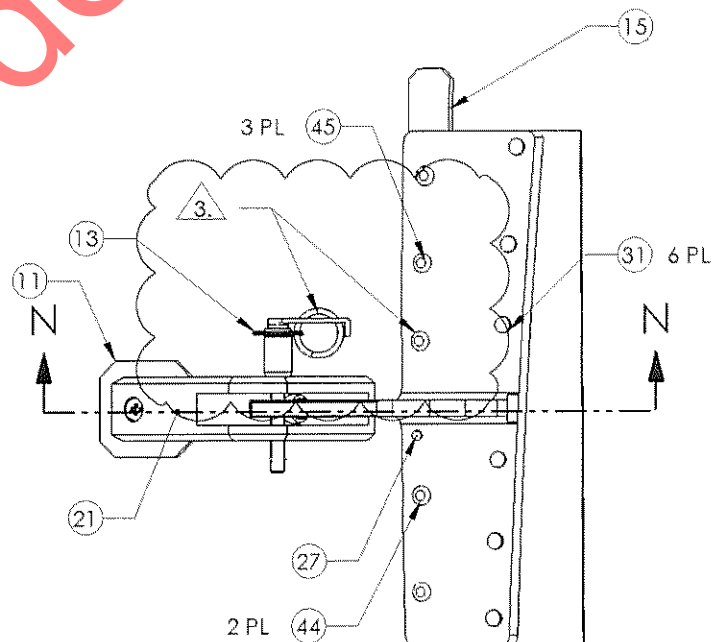
APICAL INDUSTRIES, INC.	ENGINEERING CHANGE NOTICE NO. 03885				SHEET 1 OF 1	
	DWG NO. 649.4700	REV: B	PREPARED BY J. BAINI	DATE: 05/15/13	EFFECT ON DWG <input type="checkbox"/> INC. <input checked="" type="checkbox"/> UNINC.	
	DWG TITLE: A119 CABLE CUTTERS KIT					
	APPROVED BY: ENGR <i>[Signature]</i>	MFG <i>[Signature]</i>	QC <i>[Signature]</i>	EFF: CURRENT ORDER		
TRANSACTION CODES (TC): A-ADD C-CREATE R-REVISE D-DELETE	REASON: UPDATED LOCATION/NOTES FOR F/N 13				ECR:	

SHEET 1, ZONE A1, IS:

NOTES:

1. APPLY F/N 62 TO FAYING SURFACES.
2. AFTER INSTALLATION, APPLY F/N 63 A/R TO FILL GAPS AND FILLET EDGES
3. MATCH DRILL HOLE ON TAB OF F/N 13 TO FIT RIVET F/N 45

SHEET 3, ZONE D4, IS:



13	R	601.3493	2		QUICK RELEASE PIN		3.
F/N	TC	PART NUMBER	.4701	QTY	DESCRIPTION	MATERIAL	SPECIFICATION
DOCUMENTS EFFECTED:						CHANGE CATEGORY	DER REVIEW REQUIRED
<input type="checkbox"/> RFMS <input type="checkbox"/> MDL <input type="checkbox"/> INSTALL INSTRU <input type="checkbox"/> ICA <input checked="" type="checkbox"/> BOM						<input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> MINOR	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

APICAL INDUSTRIES, INC.	ENGINEERING CHANGE NOTICE NO. 03732				SHEET 1 OF 1	
	DWG NO. 649.4700	REV: B	PREPARED BY B. PETERS	DATE: 12/06/12	EFFECT ON DWG <input type="checkbox"/> INC. <input checked="" type="checkbox"/> UNINC.	
	DWG TITLE: A119 CABLE CUTTERS KIT					
	APPROVED BY: ENGR <i>[Signature]</i>	MFG <i>[Signature]</i>	QC <i>[Signature]</i>	EFF: NEXT ORDER		
TRANSACTION CODES (TC): A-ADD C-CREATE R-REVISE D-DELETE	REASON: REVISED SUPPLIER PART NUMBERS ON BOM.				ECR: 12-54	

Superseded

SHEET 1, BOM IS:

46	R	601.3146	2		SCREW	MS24694S57	
36	R	601.3008	2		INSERT	NAS1834C3-300	
F/N	TC	PART NUMBER	QTY		DESCRIPTION	MATERIAL	SPECIFICATION
DOCUMENTS EFFECTED:		<input type="checkbox"/> RFMS <input type="checkbox"/> MDL <input type="checkbox"/> INSTALL INSTRUC <input type="checkbox"/> ICA <input checked="" type="checkbox"/> BOM				CHANGE CATEGORY	DER REVIEW REQUIRED
						<input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> MINOR	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF APICAL INDUSTRIES. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF APICAL INDUSTRIES IS PROHIBITED.

NOTES:

1. APPLY F/N 62 TO FAYING SURFACES.
2. AFTER INSTALLATION, APPLY F/N 63 A/R TO FILL GAPS AND FILLET EDGES

2/B7

DETAIL A

3

3/B7

DETAIL B

DETAIL D

5/B6

DETAIL C

4/B7

UNINCORPORATED ECN(S)

03732, 03885

	16	66	601.3151	WASHER	NAS1149F0363P	
		65		DELETED		
	2	64	601.3537	SCREW	MS24694-S14	
	1	63	600.1012	SEALANT	PR-1425 CLAS B	
	1	62	601.2045	RTV	LOCTITE 598	
	8	61	601.2381	WASHER	NAS620C-10L	
	8	60	601.2638	WASHER	NAS1149F0432P	
	23	59	601.2764	WASHER	NAS1149FN832P	
	53	58	601.1607	WASHER	NAS1149F0332P	
	2	57	601.3470	WASHER	AN970-3	
	6	56	601.1365	SCREW	MS27039-1-10	
	4	55	601.1621	SCREW	MS27039-1-08	
	2	54	601.3289	SCREW	MS27039-1-25	
	6	53	601.2765	SCREW	MS27039-0819	
	13	52	601.3190	SCREW	MS27039-1-13	
	3	51	601.3124	SCREW	MS27039-0824	
	4	50	601.1622	SCREW	MS27039-1-14	
	4	49	601.2910	SCREW	MS27039-1-18	
		FIND #	PART #	DESCRIPTION	MAT'L	SPEC.

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
LAST PROTOTYPE REVISION: PR2			
N/C	INITIAL RELEASE	01-26-2012	P. BRAVO
A	INCORPORATED ECN 03444, 03489	04-17-2012	P. BRAVO
B	INCORPORATED ECN 03527	05-29-2012	P. BRAVO

	2	48	601.3252	SCREW	MS24694S58	
	3	47	601.3536	SCREW	MS24694-S13	
	2	46	601.3146	SCREW	MS24694C57	
	8	45	601.1125	RIVET	MS20470AD5-11	
	4	44	601.2542	RIVET	MS20470AD5-9	
		43		DELETED		
	23	42	601.1773	RIVET	MS20470AD4-3	
	12	41	601.1616	RIVET	MS20426AD3-5	
	6	40	601.1900	NUTPLATE	MS21059-3	
	1	39	601.3209	LOCKNUT	MS21042L4	
	25	38	601.1624	LOCKNUT	MS21042L3	
	14	37	601.1541	LOCKNUT	MS21042L08	
	2	36	601.3008	INSERT	NAS1834C-300	
	2	35	601.3468	INSERT	NAS1832-4-7	
	8	34	601.3459	INSERT	NAS1832-3-7	
	2	33	601.3474	CHERRY RIVET	CR3214-5-02	
	31	32	601.3496	CHERRY RIVET	CR3213-6-12	
	20	31	601.3472	CHERRY RIVET	CR3213-5-05	
	29	30	601.1183	CHERRY RIVET	CR3213-4-03	
		29		DELETED		
	16	28	601.2020	CHERRY RIVET	CR3213-5-03	
	2	27	601.3473	CHERRY RIVET	NAS1097AD-4-3	
	2	26	601.2669	BOLT	AN4C7A	
	4	25	601.3555	BOLT	AN4C5A	
	8	24	601.0788	BOLT	AN3C12A	
	1	23	649.5112	WIPER DEFLECTOR		
	1	22	649.5111	WIPER DEFLECTOR		
	2	21	649.5110	WIPER DEFLECTOR		
	8	20	647.9014	STRUT BRACKET		
	4	19	646.9910	STRUT		
	3	18	649.4815	SHIM		
	1	17	649.4812	SHIM		
	2	16	649.5213	DOUBLER		
	2	15	649.4813	SHIM		
	1	14	649.5211	SHIM		
	2	13	601.3493	QUICK RELEASE PIN		
	1	12	649.4816	DOUBLER		
	2	11	649.4814	DOUBLER		
	2	10	649.5210	DOUBLER		
	1	9	649.5011	DEFLECTOR		
	2	8	649.5013	DEFLECTOR		
	2	7	649.5012	DEFLECTOR		
	1	6	649.4811	CLIP		
	1	5	649.5212	BRACKET		
	1	4	649.5214	BRACKET		
	1	3	649.5010	DEFLECTOR		
	1	2	649.4901	UPPER CUTTER ASSY		
	1	1	649.4902	LOWER CUTTER ASSY		
			649.4701	A119 CABLE CUTTERS KIT		
	4701	FIND #	PART #	DESCRIPTION	MAT'L	SPEC.

QTY
NEXT ASSY (S)

ORIGINAL DATE
BAG-DA-YR 04-17-2012
DRAWN BY
S. COCHRAN
CHECKER
P. BRAVO
DRAWING APPROVAL
P. BRAVO
04-17-2012
CONTRACT No.

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
2 PLACE DECIMALS ±.010
3 PLACE DECIMALS ±.005
ANGLES ±.5°

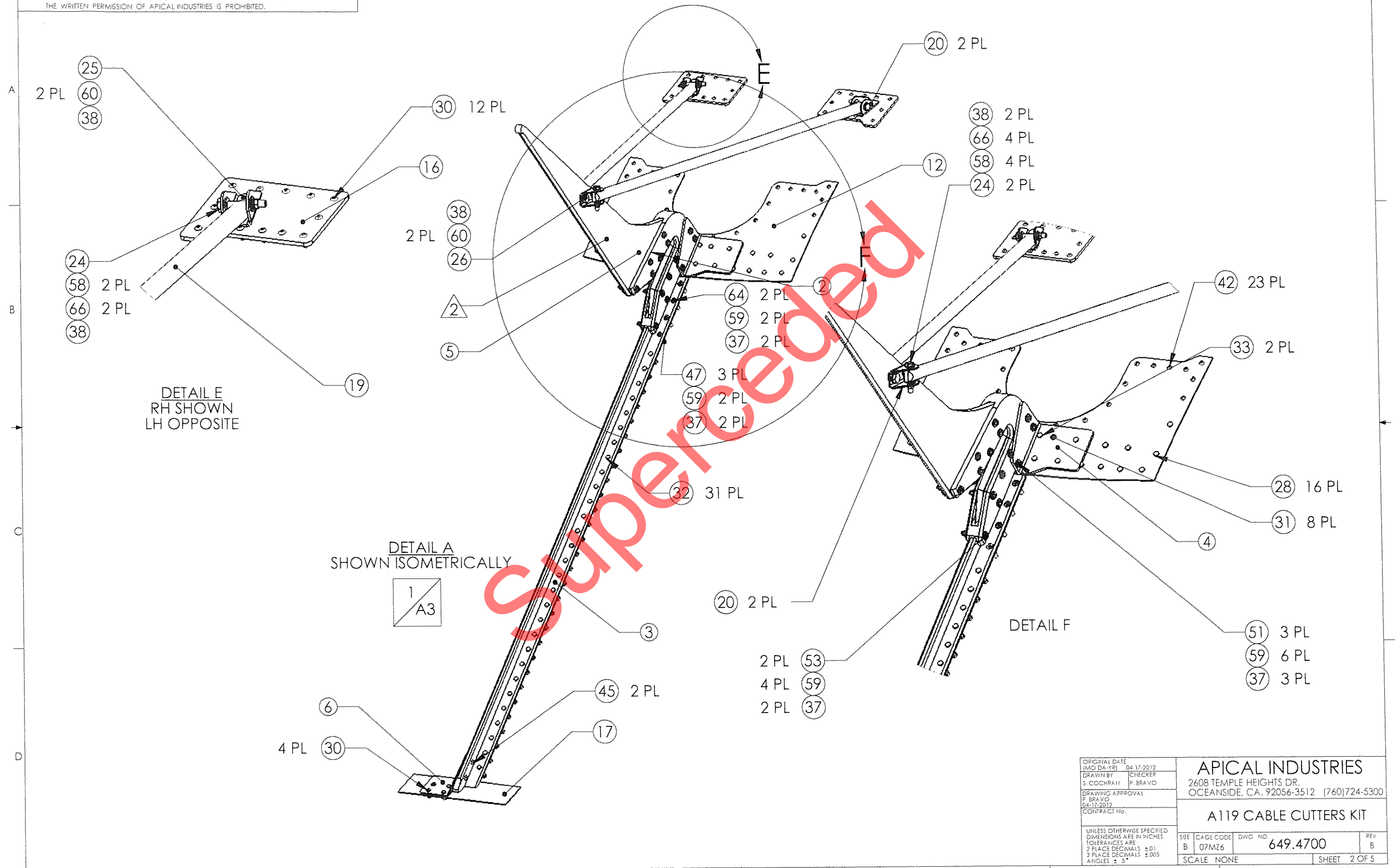
PARTS LIST

APICAL INDUSTRIES
2608 TEMPLE HEIGHTS DR.
OCEANSIDE, CA. 92056-3512 (760)724-5300

A119 CABLE CUTTERS KIT

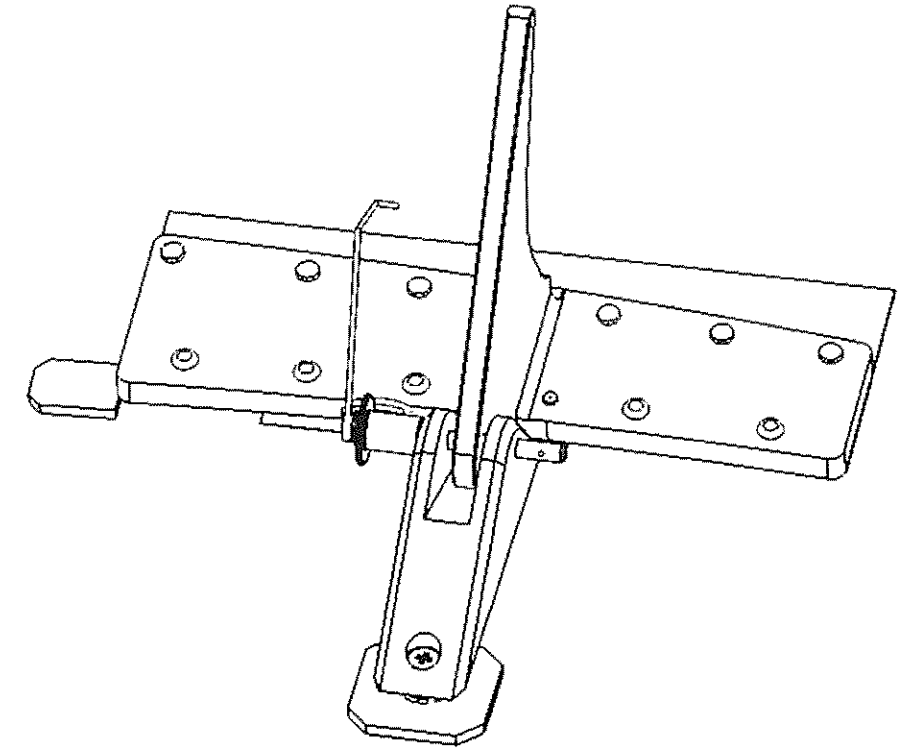
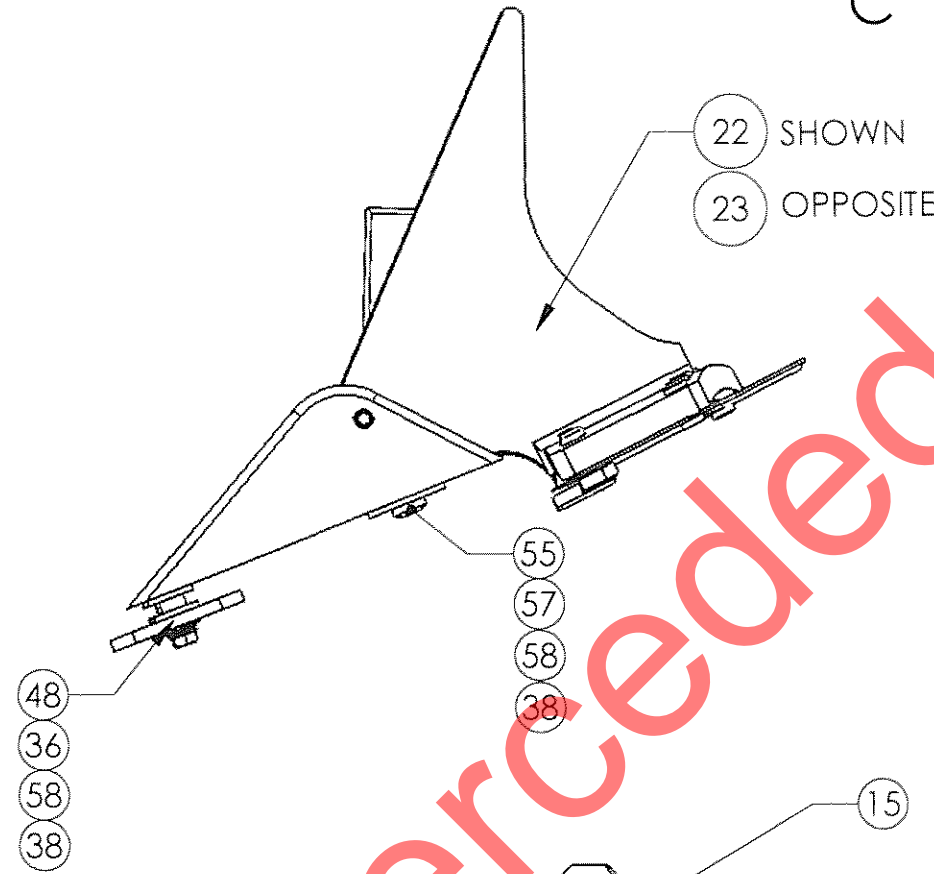
SIZE B CAGE CODE 07M26 DWG NO 649.4700 REV B
SCALE NONE SHEET 1 OF 5

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF
APICAL INDUSTRIES. ANY REPRODUCTION IN PART OR WHOLE WITHOUT
THE WRITTEN PERMISSION OF APICAL INDUSTRIES IS PROHIBITED.

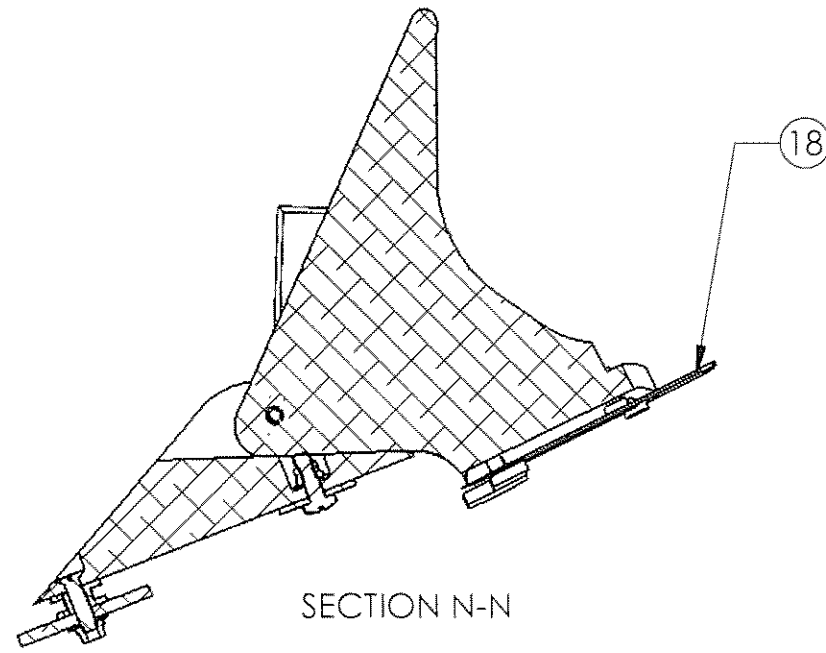


ORIGINAL DATE IMO DA-1321 04-17-2012		APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
DRAWN BY S. COCHRAN	CHECKER P. BRAVO		
DRAWING APPROVAL P. BRAVO 04-17-2012		A119 CABLE CUTTERS KIT	
CONTRACT NO.		SHEET 2 OF 5	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		SIZE B	REV B
CAGE CODE 07M26		DWG NO. 649.4700	
SCALE NONE			

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF
APICAL INDUSTRIES ANY REPRODUCTION IN PART OR WHOLE WITHOUT
THE WRITTEN PERMISSION OF APICAL INDUSTRIES IS PROHIBITED.



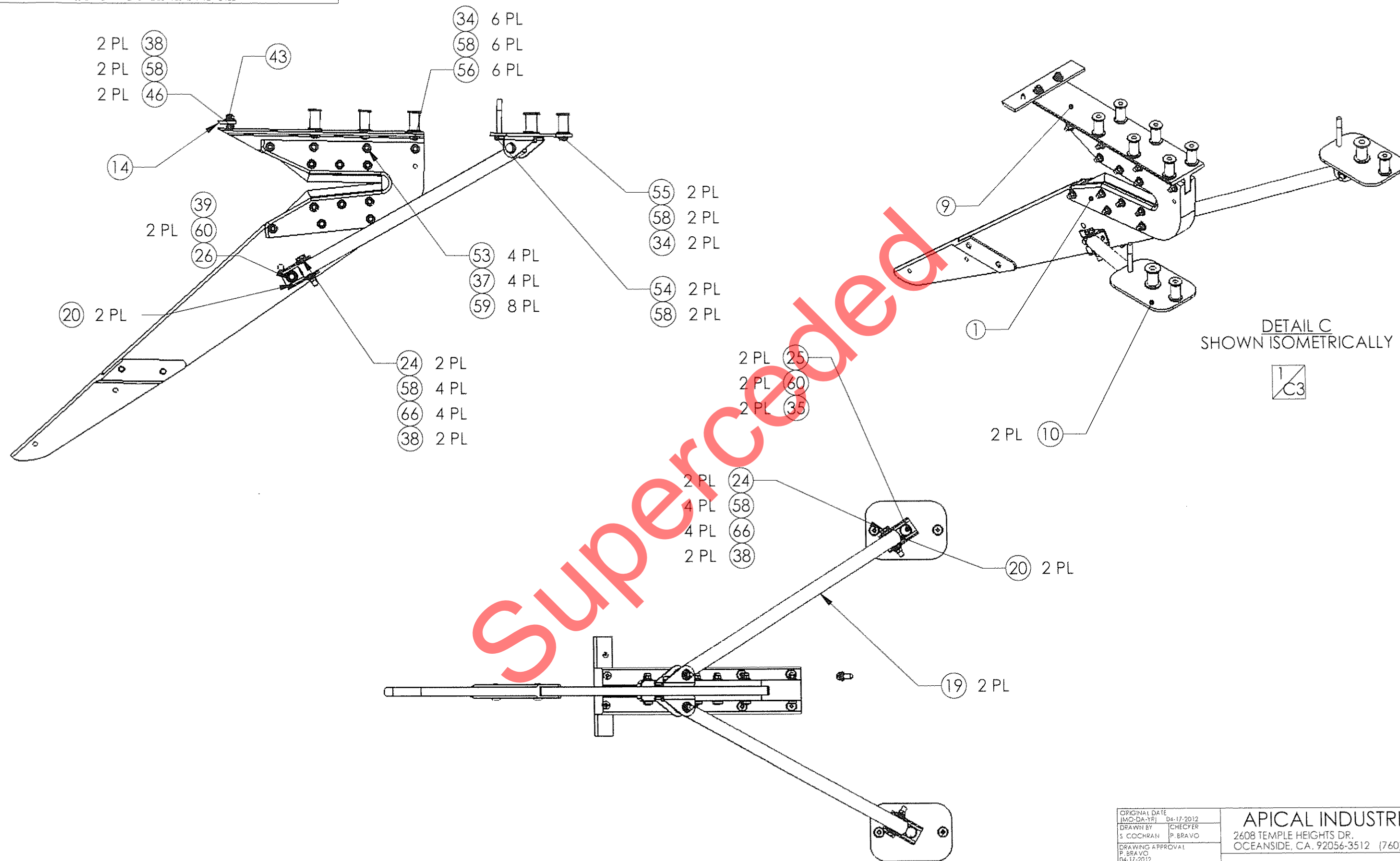
DETAIL B
SHOWN ISOMETRICALLY
RH SHOWN
LH OPPOSITE



SECTION N-N

ORIGINAL DATE (ISO-DAY-YR) 04-17-2012		APICAL INDUSTRIES	
DRAWN BY S COCHRAN		2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
DRAWING APPROVAL P. BRAVO		A119 CABLE CUTTERS KIT	
CONTRACT NO.		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°	
SRE B	CAGE CODE 07MZ6	DWG. NO. 649.4700	REV B
SCALE NONE			SHEET 3 OF 5

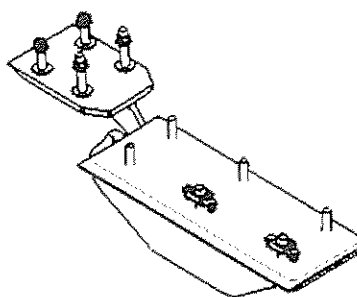
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF APICAL INDUSTRIES. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF APICAL INDUSTRIES IS PROHIBITED.



ORIGINAL DATE IMO-DA-TS 04-17-2012		APICAL INDUSTRIES	
DRAWN BY S. COCHRAN		2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
DRAWING APPROVAL P. BRAVO		A119 CABLE CUTTERS KIT	
CONTRACT No.		SHEET	REV.
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		B	B
		CAGE CODE	DWG NO
		07MZ6	649.4700
		SCALE	SHEET
		NONE	4 OF 5

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF APICAL INDUSTRIES. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF APICAL INDUSTRIES IS PROHIBITED.

18 3 PL



DETAIL D
SHOWN ISOMETRICALLY



8 2 PL

38 4 PL
58 4 PL
61 4 PL
49 4 PL

6 PL 41

7 2 PL

50 4 PL
61 4 PL
58 4 PL
38 4 PL

13 PL 52
13 PL 58

40 3 PL

ORIGINAL DATE JMO-DA-YR 04-17-2012		APICAL INDUSTRIES	
DRAWN BY S. COCHRAN		2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
CHECKER P. BRAVO		A119 CABLE CUTTERS KIT	
DRAWING APPROVAL P. BRAVO		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°	
CONTRACT NO.		SIZE B	SCALE NONE
		CAGE CODE 07M26	DWG. NO. 649.4700
		REV. B	SHEET 5 OF 5